

DETOXIFIED MUTANTS OF BACTERIAL ADP-RIBOSYLATING  
TOXINS AS PARENTERAL ADJUVANTS

Abstract of the Disclosure

5           The present invention provides parenteral  
adjuvants comprising detoxified mutants of bacterial ADP-  
ribosylating toxins, particularly those from pertussis  
(PT), cholera (CT), and heat-labile *E. coli* (LT).

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